



GS GROUP LLC

Green S.P.A.C.E.S Protect Our Earth

**Ross Hill Academy
Water Sampling Lead Analysis Report**

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Ross Hill Academy, 3111 Elmwood Detroit MI., on July 13th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Dorothy J. Smith on July 12th, 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



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Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters
Field Scientist

Monica Starks, CIEC
Principal

Council-certified Indoor Environmental
Consultant Board-awarded by the
American Council for Accredited
Certification



Appendix 1, Lab Results, Chain of Custody



GS GROUP LLC

Green S.P.A.C.E.S Protect Our Earth

APPENDIX 1
Laboratory Results and Chain of Custody

17800 Woodward Ave Suite 200
Detroit, MI 48203

Laboratory ID: 0055

National Testing Laboratories, Ltd
556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 358026

7/26/2016

Customer: G. S. Group
Monica Starks
17800 Woodward Ave #200
Detroit, MI 48203

Source: Ross Hill Academy, S-01-GBF-01-P
Source City: Detroit
Source State: MI

Date/Time Received: 7/15/2016 13:58

Collected by: M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)

"NA" Not Analyzed

"Standard" This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

"LRL" This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF" This column indicates the contaminant dilution factor.

Report Notes:

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	7/13/2016 06:30		7/25/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



James Abston, Operations Manager

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Laboratory ID: 0055

National Testing Laboratories, Ltd
556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 358027

7/26/2016

Customer: G. S. Group
Monica Starks
17800 Woodward Ave #200
Detroit, MI 48203

Source: Ross Hill Academy, S-01-GBF-01-F
Source City: Detroit
Source State: MI

Date/Time Received: 7/15/2016 13:58

Collected by: M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)

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Report Notes:

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	7/13/2016 06:30		7/25/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
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ANALYTICAL REPORTS

SAMPLE CODE: 358024

7/26/2016

Customer: G. S. Group
Monica Starks
17800 Woodward Ave #200
Detroit, MI 48203

Source: Ross Hill Academy, S-01-BBF-02-P
Source City: Detroit
Source State: MI

Date/Time Received: 7/15/2016 13:58

Collected by: M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)

"NA" Not Analyzed

"Standard" This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

"LRL" This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF" This column indicates the contaminant dilution factor.

Report Notes:

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	7/13/2016 06:30		7/25/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



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National Testing Laboratories, Ltd
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ANALYTICAL REPORTS

SAMPLE CODE: 358025

7/26/2016

Customer: G. S. Group
Monica Starks
17800 Woodward Ave #200
Detroit, MI 48203

Source: Ross Hill Academy, S-01-BBF-02-F
Source City: Detroit
Source State: MI

Date/Time Received: 7/15/2016 13:58

Collected by: M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

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"NA" Not Analyzed

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"LRL" This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF" This column indicates the contaminant dilution factor.

Report Notes:

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	7/13/2016 06:30		7/25/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



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ANALYTICAL REPORTS

SAMPLE CODE: 358022

7/26/2016

Customer: G. S. Group
Monica Starks
17800 Woodward Ave #200
Detroit, MI 48203

Source: Ross Hill Academy, S-01-WC-03-P
Source City: Detroit
Source State: MI

Date/Time Received: 7/15/2016 13:58

Collected by: M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

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"NA" Not Analyzed

"Standard" This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

"LRL" This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF" This column indicates the contaminant dilution factor.

Report Notes:

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	7/13/2016 06:30		7/25/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



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ANALYTICAL REPORTS

SAMPLE CODE: 358023

7/26/2016

Customer: G. S. Group
Monica Starks
17800 Woodward Ave #200
Detroit, MI 48203

Source: Ross Hill Academy, S-01-WC-03-F
Source City: Detroit
Source State: MI

Date/Time Received: 7/15/2016 13:58

Collected by: M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)

"NA" Not Analyzed

"Standard" This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

"LRL" This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

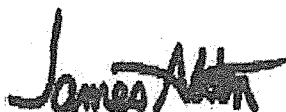
"DF" This column indicates the contaminant dilution factor.

Report Notes:

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	7/13/2016 06:30		7/25/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



James Abston, Operations Manager

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**National Testing
Laboratories, Ltd.**

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: 2077784

Order Date: 05/20/2016

Sample Number:

Product: Lead Only

Sample Paid: No Payment Method:

TSR: EF

Sold To:

G. S. Group

Monica Starks

17800 Woodward Ave

Detroit

MI 48203

Date Sampled: 7/13/16

Time Sampled: 06:30

Please Use Military Time. e.g. 3:00pm = 1500

Check Time Zone: ☒ EST ☐ CST ☐ MST ☐ PST

Client Name: Ross Hill Academy

Address: 3111 Elmwood

Phone Number: 313-922-8088

PWS ID# (if applicable):

N/A

Sample ID or Source: S-01-GBF-01-P

Source Type: ☐ Spring ☐ Well ☒ Municipal ☐ Surface

☐ Other:

City & State: Detroit, MI

(If Different than Above)

Sample Collected By:

[Signature]

(Signature)

Sample Collected By:

Michael Harris

(Please Print)

Form Completed By:

Michael Harris

Additional Comments:

The location sampled is a school, this is sample #1, first draw

For Laboratory Use ONLY

Lab Accounting Information:

Payment \$:

Check #:

Lab Comments/Special Instructions:

State Forms:

Lab Sample Information:

Date Received: 7/15/16

Time Received: 13:58

Received By: LB

☐ Sample receipt criteria checked & acceptable.

☒ Deviations from acceptable sample receipt criteria noted on PSA form.

PSA @ login

National Testing
Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: 2077784
Order Date: 05/20/2016

Sample Number:

Product: Lead Only

Sample Paid: No Payment Method:

TSR: EF

358027



Sold To:
G. S. Group
Monica Starks
17800 Woodward Ave
Detroit MI 48203

Date Sampled: 7/13/16

Time Sampled: 06:30 Please Use Military Time, e.g. 3 00pm = 15 00

Check Time Zone: ☒ EST ☐ CST ☐ MST ☐ PST

Client Name: Ross Hill Academy

Address: 3111 Elmwood

Phone Number: 313-922-8088

PWS ID# (if applicable): D/A

Sample ID or Source: S-01-GBF-01-F

Source Type: ☐ Spring ☐ Well ☒ Municipal ☐ Surface
☐ Other

City & State: Detroit, Mi.
(If Different than Above)

Sample Collected By: [Signature]

Sample Collected By: Michael Etris
(Please Print)

Form Completed By: Michael Etris

Additional Comments:

The location sampled is a School, this is Sample II, Flush Sample.

For Laboratory Use ONLY

Lab Accounting Information:

Payment \$: _____

Check #: _____

Lab Comments/Special Instructions:

State Forms:

Lab Sample Information:

Date Received: 7/15/16

Time Received: 13:58

Received By: LB

☐ Sample receipt criteria checked & acceptable.

☒ Deviations from acceptable sample receipt criteria noted on PSA form.

PSA@login

INCOMPLETE INFORMATION MAY DELAY ANALYSIS AND/OR INVALIDATE RESULTS

**National Testing
Laboratories, Ltd.**

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: 2077784
Order Date: 05/20/2016

Sample Number:



Product: Lead Only

Sample Paid: No Payment Method:

TSR: EF

Sold To:
G. S. Group
Monica Starks
17800 Woodward Ave
Detroit

MI 48203

Date Sampled: 7/13/16

Time Sampled: 06:30 Please Use Military Time. e.g. 3:00pm = 15.00

Check Time Zone: ☒ EST ☐ CST ☐ MST ☐ PST

Client Name: Ross Hill Academy
Address: 3111 Elmwood

Fax Number: 313-922-8088

PWS ID# (If applicable): W/14

Sample ID or Source: S-01-BBF-02-7

Source Type: ☐ Spring ☐ Well ☒ Municipal ☐ Surface
☐ Other

City & State: Detroit, Mi.
(If Different than Above)

Sample Collected By: [Signature]
(Signature)

Sample Collected By: Michael Etkens
(Please Print)

Form Completed By: Michael Etkens

Additional Comments: The location sampled is a school, this is sample # 2, first draw.

For Laboratory Use ONLY

Lab Accounting Information:

Payment \$: _____

Check #: _____

Lab Comments/Special Instructions:

State Forms:

Lab Sample Information:

Date Received: 7/15/16

Time Received: 13:58

Received By: LB

☐ Sample receipt criteria checked & acceptable.
☒ Deviations from acceptable sample receipt criteria noted on PSA form.

PSA @ login

INCOMPLETE INFORMATION MAY DELAY ANALYSIS AND/OR INVALIDATE RESULTS

National Testing
Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: 2077784

Order Date: 05/20/2016

Sample Number:



Product: Lead Only

Sample Paid: No Payment Method:

TSR: EF

Sold To:

G. S. Group

Monica Starks

17800 Woodward Ave

Detroit

MI 48203

Date Sampled:

7/13/16

Time Sampled:

06:30

Please Use Military Time, e.g. 3 00pm = 15.00

Check Time Zone:

☒ EST ☐ CST ☐ MST ☐ PST

Client Name:

Ross Hill Academy

Address:

3111 Elmwood

Phone Number:

313-922-8088

PWS ID# (if applicable):

N/A

Sample ID or Source:

S-01-BBF-02-F

Source Type:

☐ Spring ☐ Well ☒ Municipal ☐ Surface

☐ Other:

City & State:

Detroit, MI

(If Different than Above)

Sample Collected By:

(Signature)

Sample Collected By:

Michael Etters

(Please Print)

Form Completed By:

Michael Etters

Additional Comments:

The location sampled is a School, this is Sample # 2, Flush Sample.

For Laboratory Use ONLY

Lab Accounting Information:

Payment \$:

Check #:

Lab Comments/Special Instructions:

State Forms:

Lab Sample Information:

Date Received:

7/15/16

Time Received:

13:58

Received By:

LB

☐ Sample receipt criteria checked & acceptable

☒ Deviations from acceptable sample receipt criteria noted on PSA form

PSA

INCOMPLETE INFORMATION MAY DELAY ANALYSIS AND/OR INVALIDATE RESULTS



Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: 2077784
Order Date: 05/20/2016

Sample Number:



Product: Lead Only

Sample Paid: No Payment Method:

TSR: EF

Sold To:

G. S. Group

Monica Starks

17800 Woodward Ave

Detroit

MI 48203

Date Sampled:

7/13/16

Time Sampled:

06:30

Please Use Military Time, e.g. 3 00pm = 15.00

Check Time Zone: ☒ EST ☐ CST ☐ MST ☐ PST

Client Name:

Boss Hill Academy

Address:

3111 Elmwood

Phone Number:

313-922-8088

PWS ID# (if applicable):

N/A

Sample ID or Source:

S-01-WE-03-P

Source Type: ☐ Spring ☐ Well ☒ Municipal ☐ Surface
☐ Other:

City & State:

Detroit, MI

(If Different than Above)

Sample Collected By:

[Signature]

(Signature)

Sample Collected By:

Michael Ethers

(Please Print)

Form Completed By:

Michael Ethers

Additional Comments:

The location sampled is a school, this is sample #3, first draw.

For Laboratory Use ONLY

Lab Accounting Information:

Payment \$:

Check #:

Lab Comments/Special Instructions:

State Forms:

Lab Sample Information:

Date Received:

7/15/16

Time Received:

13:58

Received By:

LB

☐ Sample receipt criteria checked & acceptable.

☒ Deviations from acceptable sample receipt criteria noted on PSA form.

PSA[®] Login

INCOMPLETE INFORMATION MAY DELAY ANALYSIS AND/OR INVALIDATE RESULTS

National Testing
Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: 2077784

Order Date: 05/20/2016

Sample Number:

Product: Lead Only

Sample Paid: No

Payment Method:

TSR: EF

358923



Sold To:

G. S. Group

Monica Starks

17800 Woodward Ave

Detroit

MI 48203

Date Sampled:

7/13/16

Time Sampled:

4:30

Please Use Military Time. e.g. 3:00pm = 15.00

Check Time Zone:

☒ EST ☐ CST ☐ MST ☐ PST

Client Name:

Ross Hill Academy

Address:

3111 Elmwood

Phone Number:

313-922-8088

PWS ID# (if applicable):

W/16

Sample ID or Source:

S-01-WC-03-F

Source Type:

☐ Spring ☐ Well ☒ Municipal ☐ Surface

☐ Other:

City & State:

Detroit, MI

(If Different than Above)

Sample Collected By:

[Signature]

(Signature)

Sample Collected By:

Michael Effers

(Please Print)

Form Completed By:

Michael Effers

Additional Comments:

The location sampled is a School, this is Sample #3, Flush Sample.

For Laboratory Use ONLY

Lab Accounting Information:

Payment \$:

Check #:

Lab Comments/Special Instructions:

State Forms:

Lab Sample Information:

Date Received:

7/15/16

Time Received:

13:58

Received By:

KB

☐ Sample receipt criteria checked & acceptable.

☒ Deviations from acceptable sample receipt criteria noted on PSA form.

PSA@log in

INCOMPLETE INFORMATION MAY DELAY ANALYSIS AND/OR INVALIDATE RESULTS